

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Hyun-Seok Lee et al.

Application No.: To Be Assigned

Filed: Concurrently Herewith

For: INTEGRATED CIRCUIT MEMORY DEVICES HAVING ZIG-ZAG ARRANGEMENTS
OF COLUMN SELECT IO BLOCKS TO INCREASE INPUT/OUTPUT LINE ROUTING
EFFICIENCY

Date: February 9, 2004

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the waiver by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(i) for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP. No fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

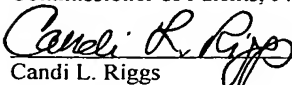

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Candi L. Riggs

Substitute form 1449A/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number		To Be Assigned
				Filing Date		Concurrently Herewith
				First Named Inventor		Hyun-Seok Lee
				Group Art Unit		
				Examiner Name		
Sheet	1	of	1	Attorney Docket Number		5649-1154

U.S. PATENTS AND PATENT PUBLICATIONS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
	1	US-6,396,756	B1	Kang et al.	05-28-2002
	2	US-6,345,011	B2	Joo et al.	02-05-2002
	3	US-6,327,214	B1	Yoon et al.	12-04-2001
	4	US-6,154,416		Lee et al.	11-28-2000
	5	US-6,067,270		Hwang	05-23-2000
	6	US-6,046,950		Kim	04-04-2000
	7	US-5,986,942		Sugibayashi	11-16-1999
	8	US-5,982,700		Proebsting	11-09-1999
	9	US-5,978,307		Proebsting et al.	11-02-1999
	10	US-5,949,697		Lee	09-07-1999
	11	US-5,701,268		Lee et al.	12-23-1997
	12	US-5,485,426		Lee et al.	01-16-1996
	13	US-RE,36,993		Takashima et al.	12-19-2000
		US-			
		US-			
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		US-			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			

OTHER NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.